

**APPLICATION FOR TYPE APPROVAL FOR AIRCRAFT COMPONENT/ITEM
OF EQUIPMENT INCLUDING INSTRUMENTS**

Applicant's Approval Ref. No

This form of application should be submitted, in duplicate, to the Director General of Civil Aviation (Attn: Director of Airworthiness) accompanied by the specific documents :

- 1. Name of the item.
 - 2. Name and address of the applicant.
 - 3. Place and year of development.
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- 4. Description :
 - a. Type.
 - b. Type of aircraft and category (e.g. normal utility, aerobatic etc.) for which the component / item of equipment / instrument is intended.
 - c. Weight.
 - d. Overall dimensions means of fixing and external connections, if any.
 - e. Design specification.
- 5. Particulars of approval held for the component/equipment and brief summary of experience on equipment (e.g. aircraft types to which fitted) if any.
- 6. Degree of compliance with applicable airworthiness standards.
- 7. Details of tests carried out on the component/equipment and copies of test reports thereon.
- 8. Performance :
 - i. Working and ultimate pressure or load

- ii. Limitations of voltage and frequency.
- iii. Time rating for example continuous, intermittent or duty cycle.
- iv. Limits of accuracy of measuring instruments.
- v. Endurance (based on test evidence and/or operational experience).
- vi. Any limitations in mounting attitude.
- vii. Whether the equipment is "flameproof" (explosion proof).
- viii. Whether the equipment is fire-resistant.
- ix. The compass safe distance.
- x. Whether the equipment is radio-interference-free.
- xi. Range of temperature, altitude and humidity which the equipment will safely withstand.
- xii. Degree of vibration which the equipment will withstand.
- xiii. Degree of acceleration which the equipment will withstand.
- xiv. Degree of water proofness or sealing of the equipment.
- xv. Ability to resist sand and dust.
- xvi. Ability to resist salt spray and aircraft fluids (fuels, oils and hydraulic fluids).

A. I hereby declare that the above particulars are true in every respect.

B. Following documents are enclosed herewith :-

- a. Two complete sets of drawings of the component/equipment.
- b. Three unmounted photographs of the component/equipmen
(the photographs shall be of size 14.0x9.0 cms.)
- c. Type Instruction Manual
- d. Type Service Manual.

Signature of Applicant :

Designation :

Organisation :

Address :

Date :